


**PRODUCT / PROCESS CHANGE NOTIFICATION**

**1. PCN basic data**

<b>1.1 Company</b>		STMicroelectronics International N.V
<b>1.2 PCN No.</b>	MICROCONTROLLERS/24/14717	
<b>1.3 Title of PCN</b>	ST MUAR (Malaysia) - Qualification of final test flow with ARTEAC for selected STM8AL3x AUTOMOTIVE products	
<b>1.4 Product Category</b>	STM8AL3x	
<b>1.5 Issue date</b>	2024-05-16	

**2. PCN Team**

<b>2.1 Contact supplier</b>	
<b>2.1.1 Name</b>	ROBERTSON HEATHER
<b>2.1.2 Phone</b>	+1 8475853058
<b>2.1.3 Email</b>	heather.robertson@st.com
<b>2.2 Change responsibility</b>	
<b>2.2.1 Product Manager</b>	Ricardo Antonio DE SA EARP
<b>2.1.2 Marketing Manager</b>	Veronique BARLATIER
<b>2.1.3 Quality Manager</b>	Pascal NARCHE

**3. Change**

<b>3.1 Category</b>	<b>3.2 Type of change</b>	<b>3.3 Manufacturing Location</b>
General (Test Program)	Different sequence of tests within the test program : test sequence is not defined by Customer spec or Customer application requirements	ST MUAR (Malaysia)

**4. Description of change**

	<b>Old</b>	<b>New</b>
<b>4.1 Description</b>	Final Test production of family STM8AL3x 64K runs on V93000 platform only, without ARTEAC. Test Program without ARTEAC flow for Automotive product performs Quality Control (QC) after Final Test (FT).	Adding ARTEAC flow capability. Final Test production of family STM8AL3x 64K runs - on V93000 platform without ARTEAC. - or additionally on T2000 platform with ARTEAC enabled.  Depending on test platform, test program for automotive products performs : - Either without ARTEAC standard quality control (QC) after final test (FT) - Or with ARTEAC (Automated Real Time Electrical and audit Control) test flow
<b>4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?</b>	No impact	

**5. Reason / motivation for change**

<b>5.1 Motivation</b>	QC ARTEAC implementation for GPM Automotive product to improve productivity & capacity. ARTEAC = Automated Real Time Electrical and audit Control
<b>5.2 Customer Benefit</b>	CAPACITY INCREASE

**6. Marking of parts / traceability of change**

<b>6.1 Description</b>	Traceability ensured by ST internal tools
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**7. Timing / schedule**

<b>7.1 Date of qualification results</b>	2024-07-10
<b>7.2 Intended start of delivery</b>	2024-08-01
<b>7.3 Qualification sample available?</b>	Upon Request

**8. Qualification / Validation**

<b>8.1 Description</b>	14717 RER2406_MDRF-GPM_ST_MUAR-FT_Qualification_of_STM8AL3x_Products_on_T2000_v02.pdf		
<b>8.2 Qualification report and qualification results</b>	Available (see attachment)	<b>Issue Date</b>	2024-05-16

**9. Attachments (additional documentations)**

14717 Public product.pdf  
14717 RER2406\_MDRF-GPM\_ST\_MUAR-FT\_Qualification\_of\_STM8AL3x\_Products\_on\_T2000\_v02.pdf

**10. Affected parts**

<b>10. 1 Current</b>		<b>10.2 New (if applicable)</b>
<b>10.1.1 Customer Part No</b>	<b>10.1.2 Supplier Part No</b>	<b>10.1.2 Supplier Part No</b>
	STM8AL3188TCY	
	STM8AL318ATCY	
	STM8AL3LE88TCY	



## Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

**PCN Title :** ST MUAR (Malaysia) - Qualification of final test flow with ARTEAC for selected STM8AL3x AUTOMOTIVE products

**PCN Reference :** MICROCONTROLLERS/24/14717

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM8AL3LE88TCY	STM8AL31E89TCY	STM8AL31E88TCY
STM8AL3188TAY	STM8AL31E89TAX	STM8AL3LE88TCX
STM8AL318ATCX	STM8AL3LE89TAY	STM8AL3188TCX
STM8AL3L88TCX	STM8AL3LE89TCY	STM8AL3L8ATCX
STM8AL3L89TCY	STM8AL3188TAX	STM8AL3LE89TAX
STM8AL31E8ATCX	STM8AL31E89TAY	STM8AL31E88TCX
STM8AL3L88TAY	STM8AL3188TCY	STM8AL31E89TCX
STM8AL31E88TAY	STM8AL3L88TCY	STM8AL3189TCY
STM8AL3LE89TCX	STM8AL31E8ATAX	STM8AL3LE88TAY
STM8AL3189TCX	STM8AL3LE8ATCY	STM8AL3LE8ATAX
STM8AL31E8ATAY	STM8AL318ATCY	STM8AL31E8ATCY
STM8AL3LE8ATCX	STM8AL3LE8ATAY	STM8AL3L8ATCY

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